

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently amended): In an integral multilayer analytical element for the determination of ammonia or an ammonia-producing substance comprising a transparent support, an indicator layer containing an indicator which produces a detectable change by gaseous ammonia, a liquid blocking layer permitting a gaseous ammonia to pass therethrough, a reagent layer containing an alkaline buffering agent and optionally a reagent capable of reacting with said ammonia-producing substance to produce ammonia, and a spreading layer, adhesively laminated in this order, the improvement which comprises that said liquid blocking layer is composed of at least two types of porous membrane layers which are impermeable to aqueous liquids, wherein a pore diameter in an uppermost porous membrane of said at least two types of porous membrane layers, which contacts said reagent layer, is equal to or smaller than that of a just underlying porous membrane.

Claim 2 (Canceled)

Claim 3 (Original): The integral multilayer analytical element as claimed in claim 1, wherein said at least two porous membrane layers comprise a porous polypropylene membrane and a porous polyethylene membrane.

Claim 4 (New): The integral multilayer analytical element as claimed in claim 1, wherein said liquid blocking layer has a total thickness of 10 to 50 μm .

Claim 5 (New): The integral multilayer analytical element as claimed in claim 1, wherein said pore diameter in the uppermost membrane is 0.01 to 1 μm and that of the just underlying porous membrane is 0.2 to 20 μm .